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नई दिल्ली, शनिवार, जुलाई ११, १९७० (आषाढ़ २०, १८९२)
NEW DELHI, SATURDAY, JULY 11, 1970 (ASADHA 20, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 11th July 1970

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

20th June 1970

- 127172. U. S. Naik. Semi-automatic relay switch.
- 127173. Council of Scientific and Industrial Research. A process for the production of activated carbon from low rank caking coals.
- 127174. Council of Scientific and Industrial Research. A process for the recovery of zinc and carbon electrode from waste dry cells.
- 127175. U. K. Nigam. Piston type feeding bottle.
- 127176. U. K. Nigam. Improved feeding bottle.
- 127177 W. Varghese. Circular motion internal combustion engine.
- 127178. Ciba Limited. New disazo pigments and processes for their manufacture and use.
- 127179. Sandoz Ltd. Process for the production of the β -crystal modification of linear trans-quinacridone.
- 127180. A. P. M. Nair and I. Uozumi. Devices for prevention of cotter pins from slipping out of position.
- 127181. C. Conrady. Large graphite electrodes. (11th June 1970).
- 127182. Pactide Corporation. Improvements relating to distillation apparatus.
- 127183. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Foodstuff additive for fattening and conditioning animals and process for its preparation. (20th November 1969).

127184. Pirelli General Cable Works Limited. Improvements in or relating to electric cables. (26th June, 1969).

127185 Centre De Recherches De Pont-A-Mousson. Core support for a centrifugal casting mould.

127186. FMC Corporation. Method of controlling insects and composition therefor.

127187. John Wyeth & Brother Limited. Process for the preparation of novel thiazoles and pharmaceutical compositions containing the thiazoles so prepared. (31st May 1967). [Divisional date 9th November, 1967].

127188. Sperry Rand Limited. A catalyst for electroless plating. (21st June 1969).

23rd June 1970

127189. B. K. Shenoy, R. V. Saluja and G. R. Dey. Improvement in/or relating to the process of obtaining pigments based on red mud calcium oxide and/or calcium carbonate and chromic acid.

127190. G. S. Soni. A more efficient method to light up Dials, of transistorised radio sets, or torches. (very little electric energy will be used to get the same light we are getting now, and the electro-calls will last longer).

127191. A. D. Raj. Instantaneous Industrial-cum-consumer hand cleaner (to be marketed under the trade name of solval).

127192. Smith & Nephew Polyfabrik Limited. Production of tapes and fibrous materials. (27th June 1969).

127193. A. H. (Baba) A. M. Khan. A jumping fork as an attachment for the front wheel of a bicycle.

127194. Rhone-Poulenc S. A. Process for the preparation of dihydrobenzazepine derivatives and fungicidal compositions containing them.

127195. Girling Limited. Improvements in shoe drum brakes for vehicles. (5th July 1969).
127196. The British Oxygen Company Limited. Oxygen treatment of molten metal. (8th July 1969).
127197. J. H. Fenner & Co., Limited. Improvements in and relating to the folding of flexible sheet materials. (27th June 1969).
127198. Uniroyal Englebert France. Tire building apparatus. [Addition to No. 116378].
127199. D. P. Ahuja. Process for preparation of fat compositions and food products containing same.
127200. A. Pitner and Nadella. Improvements in or relating to universal joints.
127201. A. Pitner and Nadella. Improvements in and relating to shaft assemblies. (4th September 1969).
127202. A. Pitner and Nadella. Improvements in or relating to coupling element having a split hub.
127203. M. Barthalon. Beam-track assembly for air-lift or magnetic-lift vehicles.
127204. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of new amidolithionophosphoric acid phenyl esters and insecticidal or acaricidal composition containing the same. [Divisional date 28th October 1968].
127205. S. P. Joseph. Composition suitable for use in combatting plant diseases.
127206. Amar Plastic Works. A new method and device for creating visual effect of a precious stone such as a diamond, ruby or the like studded into a piece of imitation jewellery or any other article of decoration.
127207. Siemens Aktiengesellschaft. A plasma burner of the gas heater type.
127208. Rohm and Haas Company. Oilseed fractionation.
127209. Texaco Development Corporation. Slurries.
127210. Voith Getriebe KG. Hydrodynamic brake with windage diaphragm.
127211. Nisshin Steel Co., Ltd. Austenitic stainless steels.
127212. Telefunken Patentverwertungsgesellschaft m.b.H. and Teldec-Telefunken-Decca Schallplatten G.m.b.H. Method of reproducing recorded signals and arrangements for applying such method.
127213. Licentia Patent-Verwaltungs G.m.b.H. Carrier of stored signals.
127214. Licentia Patent-Verwaltungs-G.M.B.H. Pressure microphone for reproducing deformations of recording carrier, relatively when moved in its direction.
127215. Licentia Patent-Verwaltungs-G.m.b.H. and Teldec-Telefunken-Decca Schallplatten G.m.b.H. Mechanism for a record with stored picture signals.
127216. Veb Arzneimittelwerk Dresden. Process for production of new N-substituted 3-carbamoyl-1'-hydrochroman-1,1-dioxide derivatives and under certain circumstances its acid addition salts.
127217. Wool Research Association. Dyeing of keratin and protein fibres with insoluble azo-pigments formed in situ.
127218. S. Narayanan. A feed water regulator to the acetylene gas producing plant.
127219. Ciba Limited. New quinoline derivatives and process for their manufacture.
127220. Veb Filmfabrik Wolfen. Improvements in or relating to apparatus for continuous dispersion of solid particles in liquid systems (20th April 1970).
127221. J. R. Sutton. Jacking mechanisms.
127222. S. M. M. Karim. Pharmaceutical preparation.
127223. The Standard Oil Company. Iron-modified bismuth phosphomolybdate catalyst.
127224. Avica Equipment Limited. Improvements in and relating to nuts. (24th June 1969).
127225. The Metal Box Company Limited. Instruments. (25th June 1969).
127226. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of O-benzoylbenzoic acid.
127227. Ciba Limited. Pigment preparation. [Addition to No. 119589].
127228. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of cardioactive pyranosides.
127229. Univeg Maschinen und Apparatebau G.m.b.H. & Co., K. G. Clearer or stripper for the drawing frames in spinning machines.
127230. The Bunker-Ramo Corporation. Miniature connector construction.
127231. N. V. Philips Gloeilampenfabrieken. Method of manufacturing an electric discharge tube or an electric lamp.
127232. N. V. Philips Gloeilampenfabrieken. Method of preparing inorganic refractory powders, as well as shaped articles manufactured by sintering such powders.
127233. N. V. Philips Gloeilampenfabrieken. Novel phenyl-carbamoyloxazolidines, methods of producing the same and compositions containing said substances as an active constituent.
127234. N. V. Philips Gloeilampenfabrieken. New β , 10α -steroids, methods of producing these products, intermediates thereof and pharmaceutical compositions containing said β , 10α -steroids. [Divisional date 16th July 1965].
127235. N. V. Philips Gloeilampenfabrieken. Insulated-gate field effect transistor.

24th June 1970

127236. Council of Scientific and Industrial Research. A process for the production of a fungal acid protease use as a bating agent in leather manufacture.
127237. I. J. David. Improvement in or relating to suction valve system of air or gas compressors or vacuum pumps of the reciprocating type.
127238. J. J. David. Improvement in or relating to suction valve and delivery valve systems of air or gas compressors or vacuum pumps of the reciprocating type.
127239. Council of Scientific and Industrial Research. Improvements in or relating to cushioned automobile seat especially for tractors.
127240. Gour Kumar Dutta. Improved check valve.
127241. Debabrata Chatterjee. A eliminator.
127242. Fiber Industries, Inc. Polyester fibres for use in fabrics susceptible to pilling.
127243. Union Carbide Corporation. Oxygen trap scarfing method and apparatus.
127244. The Dunlop Company Limited. Pneumatic tyres. (1st July 1969).
127245. Secretary of State for Social Services in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Asparaginase production. (27th June 1969).
127246. United States Steel Corporation. Composition and method for marking hot metal. [Addition to No. 114004].
127247. Cluett, Peabody & Co., Inc. Button delivering device.
127248. Uss Engineers and Consultants, Inc. Rotary kiln for shock sintering.
127249. Envirotech Corporation. Enclosed belt conveyor.
127250. Fried. Krupp G.M.B.H. Process for the production of p-xylene by crystallisation.
127251. Prerovske Strojirny, Narodni Podnik. Apparatus for treating pulverulous materials with heated gases.

127252. Montecatini Edison S.p.A. Catalyst for the polymerization of olefines.
127253. Ciba Limited. New heterocyclic compounds and process for their manufacture.
127254. Ciba Limited. Pharmaceutical preparation.
127255. G. D. Searle & Co., Intrauterine devices and instruments for their insertion.
127256. Neo Proteins Inc. High protein edible products and method of preparing same.
127257. Azoplate Corporation. Light-sensitive material for making color proofing foils.

25th June 1970

127258. M. Varma. Kneading flour for making dough mechanically, domestic type.
127259. Girling Limited. Automatic adjuster for shoe drum brake. (25th June 1969).
127260. Caterpillar Tractor Co., Pilot selector valve for simultaneously controlling separate fluid circuits.
127261. Halcon International, Inc. Controlled oxidation of ethylene. [Addition to No. 113139].
127262. Dr. Karl Thomae Gesellschaft mit be schrankter Haftung. Novel sulfonyl-ureas.
127263. Uniroyal Englebert France. Tire building drum.
127264. Kyowa Hakko Kogyo Co., Ltd. Process for producing L-lysine by fermentation.
127265. Konnyuipari Gepgyarto Vallalat. Chain stitch forming device, preferably for sack and bag sewing-up machines.
127266. Aluterv Aluminiumipari Tervezo Vallalat. Process and equipment for the continuous decomposition of aluminate liquors in precipitator tanks connected in series.
127267. A. C. Arntzenius. Assisting cardiovascular circulation.

26th June 1970

127268. Council of Scientific and Industrial Research. The preparation of analogues of peptide-containing antibiotics by cell-free synthesis.
127269. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of twisted wave guides and jigs therefor.
127270. Council of Scientific and Industrial Research. Improvements in or relating to integral colour anodising of aluminium and its alloys.
127271. Hindustan Lever Limited. Dried pancreas.
127272. Nyegaard & Co., A/S. Chemical compounds. (27th June 1969).
127273. Imperial Chemical Industries Limited. Isomerisation of 5, 6-dihydro-2H-pyran. (8th July 1969).
127274. Imperial Chemical Industries Limited. Process for improving the adhesion of polyolefin surfaces. (8th July 1969).
127275. Joseph Lucas (Industries) Limited. Lighting systems for road vehicles. (21st July 1969).
127276. The Dow Chemical Company. Method of making stable emulsions of immiscible solutions of thermoplastics polymers & ethylenically unsaturated monomers.
127277. Prerovske Strojirny, Narodni Podnik. Apparatus for the preheating of pulverulent materials.
127278. S. S. Shah. Improvements in or relating to writing instrument.
127279. S. S. Shah. Improvements in or relating to night lamp or the like.
127280. B. Shilpi. Improvements in or relating to turn-about plaything.
127281. B. Shilpi. Improvements in or relating to toy steering device.

127282. B. Shilpi. Improvements in or relating to pedal or mechanically operated toy vehicle.
127283. P. L. Robertson Manufacturing Company Limited. Recessed screw. (27th June 1969).
127284. Instytut Przemysłu Miesnego. Aromatizing and/or antiseptic and/or oxidation inhibiting agent as well as method of producing and applying the agent.
127285. Sandoz Ltd. Improving the filterability of water suspended masses. [Addition to No. 121216].
127286. Sandoz Ltd. Polyazo dyes, their production and use.
127287. Montecatini Edison S.p.A. and G. D. Varda. Improvements in multi-cell furnace for the electrolytic production of aluminium.
127288. Montecatini Edison S.p.A. and G. D. Varda. Improvements in multicell furnaces for the production of aluminium by electrolysis.

Alteration of Date

118987. The claim to priority date 13th December 1967 has been disallowed and the application dated as of 12th December 1968, the date of filing in India.
124118. Ante-dated to 27th September 1968 under Section 5 of the Act.
125785. Ante-dated to 23rd December 1968 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

117588. G. S. Davar. A cooking appliance. Accepted on 6th June 1970.

Wherein the cooking container has at least two electrolyte baths adapted to receive current through electrodes connected to a power source, the food to be cooked completing the circuit of the baths and the container has a lid with a safety device adapted to interrupt cooking current to the baths in the open position of the lid.

117665. O. Eckerle. Wear equalizing high pressure gear pump. Accepted on 15th June 1970.

Comprises a driven externally toothed pinion mounted on a pinion shaft and co-operating with an internally toothed hollow gear wheel, a movable crescent or sickle shaped filler piece between said pinion and hollow wheel.

117770. Gosudarstvennoe Spetsialnoe Konstruktorskoe byuro po mashinam dlya transportirovki sushki. Machine for processing haulms of ambary into green bast. Accepted on 19th June 1970.

Including two continuous conveyors mounted one above the other and arranged after a beater drum, the conveyors having transverse strips, each strip of the upper conveyor being arranged in its operative position in between two adjacent strips of the lower conveyor.

117785. The English Electric Company Limited. Improvements in distance relays. (22nd September 1967). Accepted on 23rd June 1970.
Comprising means for monitoring the current and voltage, circuit means for rectifying voltage a summator for rectified voltage, and output device operable the voltage.
117801. Lemo Limited. Improvements in or relating to filters for tobacco smoke. Accepted on 23rd June 1970.
Including at least a section consisting essentially of calcium hydroxide in particulate form.
117851. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for preparing amorphous copolymers from ethylene and higher α -olefins by means of modified organometal mixed catalysts. Accepted on 26th June 1970.
Comprises copolymerization ethylene with α -olefins insert solvents or dispersion media at 0.30 atmospheres pressure and -30 to 50° temperature with coordination catalysts of 0.001 to 0.1 millimole/liter of dispersion media of vanadium compounds, organoaluminium compounds being in the molar ratio of Al to V being from 20 to 200 and in the presence of halogen containing alkyl-substituted α -lactones.
117852. Ciba Limited. Bis-stilbene compounds, their manufacture and use. Accepted on 25th June 1970.
Comprises reacting an aromatic aldehyde in a molecular ratio of 1:2 with a 4, 4'-bis (dialkoxylphosphonomethyl)-diphenyl,
118170. C. C. White. Roof support of underground mines and openings. Accepted on 20th June 1970.
Including a pair of elongate anchor members, installed in the mine roof, a reinforcing member with its terminals secured to the anchor members and tensioning means for tensioning the reinforcing member and the anchor members.
118199. Lansing Bagnall Limited. Improvements in or relating to industrial lift trucks. (26th October 1967). Accepted on 16th June 1970.
Wherein the battery and the tail weight are supported by a tray mounted on the body portion of the truck, the tray having means to lift it from the body portion and the battery having means to lift it off the tray.
118301. Compagnie Pechiney. Process for the preparation of alumina from aluminous ores by reaction with mineral acids. Accepted on 19th June 1970.
Process for treating an aluminous ore with acids so as to isolate alumina in highly pure form and to recover the iron, magnesium and potassium present therein in a commercially useful form.
118518. Council of Scientific and Industrial Research. A new coating composition for carbon paper production. Accepted on 23rd June 1970.
Comprises a dye dissolved in a medium, and a binding agent consisting of gelatine or casein dissolved in water, and a filler such as zinc oxide kaolin and TiO_2 and the process for preparing the said composition.
118587. H. D. Asar. Venetian blinds. Accepted on 16th May 1970.
Characterised in that the pinion has cogs along only a part of its periphery and a device to re-engage, if necessary, the disengaged pinion with the worm and each of the hanging lengths of the operational cord has an adjustable stop beach after passing through a cord guide.
118699. Cannon Limited-Cannon Limitee. Rotary percussive equipment and rock drilling equipment including the same. Accepted on 23rd June 1970.
Comprising a passage, piston, fluid supply means, variable volume chambers, an energy accumulator.
118822. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of electric cables. Accepted on 25th June 1970.
Comprising fixed, oscillatory and final lay plate, mean for bringing wires into engagement with core in helical path.
118829. Amsted Industries Incorporated. Improvements in molds. Accepted on 2nd June 1970.
The improvement which consists of a metal bottom block clamped by said side block, said metal bottom block comprising a smooth uninterrupted top surface defining the bottom of said cavity and engaging the bottom of the rear end block at the free end of said bottom block, means anchoring the opposite end of said bottom block to a fixed framework supporting said mold, and slots in said bottom block extending upwardly from the bottom thereof and spaced from said top surface thereof.
118864. Applied Aluminium Research Corporation. Process for producing aluminum. Accepted on 3rd June 1970.
Comprising reacting aluminum trichloride with manganese in a reaction zone at a temperature range between 900°C to 1900°C , which is sufficient to reduce the aluminium trichloride to gaseous aluminium monochloride and/or liquid aluminium in said reaction zone, said manganese being contained in an amount of at least 5% by weight at least at the time the aluminium trichloride first contacts said manganese at the beginning of said reaction.
118897. M. R. Gosain. A device for sealing railway wagons and other important commercial baggage. Accepted on 5th June 1970.
Comprising a body, free ends, inner engaging means, lock box, box is pressed by a nipper for firm locking.
118925. Hira Lal Chatterjee. A straight edge tubewell filter, made of polythene rings fitted and fixed with two steel sockets bound by steel studs. Accepted on 23rd June 1970.
Comprising a plurality of vertical studs reinforced by a series of spaced horizontally disposed rings the upper and lower ends of the studs being fitted to upper and lower iron sockets respectively.
118932. Cle vite Corporation. Bearing and method of making same. Accepted on 9th June 1970.
Comprising providing a strip of steel spreading on one face of said strip a layer of mixed powdered metal comprising copper tin alloy or copper bronze.
118960. N. V. Philips Gloeilampenfabrieken. Electric discharge tube. Accepted on 10th June 1970.
Edge of each partition facing the cathode is interrupted by at least one kerf.
118961. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device comprising a zener diode and semiconductor device manufactured by using this method. Accepted on 10th June 1970.
Includes the steps wherein the sign of the concentration gradient of the impurity in a part of the first region is reversed by out-diffusion, the second impurity being then diffused into this part of the first region.
118971. Maschinenfabrik Rieter A. G. Spinning device (18th September 1968). Accepted on 11th June 1970.
Comprises a rotor which has a fibre collecting surface, a cover over one open end of said rotor and means for evacuating said fibre collecting surface.
118973. Maschinenfabrik Rieter A. G. Open end spinning device. (18th September 1968). Accepted on 11th June 1970.

- With a rotor incorporating a fibre collecting surface and vacuum generating means, the vacuum generating means having a cross duct extending along the centre of the rotor.*
118974. Maschinenfabrik Rieter A. G. Cradle for the top and bottom aprons of drafting mechanisms for spinning machines. (26th September 1968). Accepted on 11th June 1970.
- Wherein the spacing of the lateral walls from each other and the cohesion of the lateral walls is maintained by means of the bottom apron deflecting bridge.*
118975. Maschinenfabrik Rieter A. G. Cradle for the top and bottom aprons of drafting mechanisms for spinning machines. (26th September 1968). Accepted on 11th June 1970.
- Wherein a cross member is reversibly arranged between the lateral walls, the said member acting as an auxiliary clamping point in the pre drafting zone.*
118987. Courtaulds Limited. The manufacture of more dyeable regenerated cellulose filaments. Accepted on 12th June 1970.
- Comprises mixing a solution of an aminoethyl cellulose containing 2% of amino nitrogen with a viscose and extruding the same.*
119022. Ciments Lafarge Societe Anonyme. Novel cement containing tricalcium silicate and concrete containing such cement. Accepted on 16th June 1970.
- A cement comprising at least one aluminous cement and a tricalcium silicate of natural or synthetic origin.*
119060. Pilkington Brothers Limited. Improvement in or relating to the manufacture of glass. (19th December 1967). Accepted on 17th June 1970.
- Comprising forming a body of glass making batch material, preheating the body of batch material internally, and feeding the preheated body into a glass melting tank.*
119096. Fibreglass Limited. Method of treating glass fibres and glass fibres so treated. (21st December 1967). Accepted on 19th January 1970.
- Comprising coating the fibres with a mixture of a silane compound and having a glass-reactive group and an organic monomer having a polyester-resin reactive group and curing the coating.*
119102. S. Kawada. Device for correcting and adjusting human spine. Accepted on 19th June 1970.
- Comprising a casing consisting of a support member, an elongate cover member resiliently connected to the former, and a pair of spaced-apart parallel strip-like members on the cover member, and means including electrical vibration means mounted on metal support member secured to cover member.*
119125. Director General, Research Designs & Standards Organisation, Government of India, Ministry of Railways. Road-cum-rail cycle. Accepted on 23rd June 1970.
- Comprising a tri-member frame, connected to front and rear wheel, traversing wheel and a pair of guide rollers.*
119129. Farbenfabriken Bayer Aktiengesellschaft. Production of N-tritylimidazoles and fungicidal compositions containing same. Accepted on 23rd June 1970.
- Comprises reacting corresponding trityl-halide with imidazoles.*
119134. Hercules Incorporated. Apparatus and process for making synthetic yarn and yarn having a plurality of filaments. Accepted on 20th June 1970.
- Comprises ribbon feeding means, fibrillating means having toothed edge, edge supporting means and means for moving edge means periodically into and out of engagement with the ribbon.*
119137. Amalendu Bhushan Sanval. Improvements in or relating to coatings on slabs and/or mouldings. Accepted on 24th June 1970.
- Consists of an admixture in plastic state with an aqueous solution of calcined magnesite saw dust and/or wood flour and a combination of different fillers like talc, silica, marble dust, kaolin, mica dust, tamarind kernel powder, different pigment.*
119152. Eli Lilly and Company. Herbicidal compositions. Accepted on 24th June 1970.
- Comprises a dinitrosulfanilamide mixed with a substituted halophenoxyalkanoic acid or halophenylalkanoic acid or carboxyl derivative thereof and/or a halogenated benzoic or picolinic acid or benzo or picolinonitrile or pyridinol.*
119179. Farbenfabriken Bayer Aktiengesellschaft. Production of O-halogenphenylcarbamates and fungicidal compositions containing same. Accepted on 20th June 1970.
- Process for the production of O-halophenylcarbamates in which a phenol is reacted with either (a) an isocyanate or (b) with excess phosgene to form a chloroformic acid halophenyl ester which is reacted with an amine or (c) equimolar amount of phosgene to give bis-halophenyl carbonate which is reacted with an appropriate amine.*
119253. Fried, Krupp GMBH. Process for the recovery of pure p-xylene. Accepted on 20th June 1970.
- An inert medium is forced through the filter cake the temperature of the inert medium being at least as high as that of the initial crystallate.*
119402. The English Electric Company Limited. Improvements in or relating to a process and apparatus for coating articles with resin. (22nd January 1968). Accepted on 25th June 1970.
- With drawing the article from the solvent type resin at a controlled speed, causing air or gas to flow over the solvent type resin covered surface and allowing the resin to gel.*
119404. Marvin Glass and Associates. Audio-visual unit. Accepted on 20th June 1970.
- Comprising a frame structure supporting a photographic transparency, and a sound record of translucent material extending over the photographic transparency mounted on the frame structure for rotation relative thereto.*
119613. Borgs Fabriks Aktiebolag. Arresting device for vehicles, principally aeroplanes. Accepted on 25th June 1970.
- Comprising arrester device, brake drums connected to brakes and a motor.*
119779. N. V. Philips Gloeilampenfabrieken. A device for ultrasonically welding contact conductors. Accepted on 22nd June 1970.
- Comprises a welding rod having an aperture in which a hollow needle is movable, means for moving one extremity of the hollow needle, a sucking rod for picking up a micro semiconductor block.*
119786. B. C. Chakravarti, R. Chatterjee, S. Chatterjee and S. Paul. A beneficiation cell. Accepted on 19th June 1970.
- A nonrotatable sleeve is provided around that part of the shaft which is disposed within the container the sleeve being adapted to provide air to a slurry contained within said container.*
119812. Ciba Limited. Derivatives of 1-aminoanthraquinone useful as dyestuffs process for their manufacture and polyamides dyed therewith. Accepted on 20th June 1970.
- Nitrating 1-aminoanthraquinone -2- sulphonic acid reducing 4-nitro group formed to amino and reacting resulting product with cyanide.*
120001. Quenot & Cie A. s.r.l. Casing for tape measure. Accepted on 20th June 1970.

Comprising a flexible measuring tape coiled about a winding drum in a casing, a mandrel with fastening means to hold a pair of case members on the mandrel, each of the case members having a corresponding part forming a peripheral opening and retaining means for the tape carried by the mandrel.

120010. JG. Glass Industries Pvt. Ltd. A cap for use with vacuum flasks. Accepted on 19th June 1970.

The cap is combined with a stopper by securing the stopper to said cap.

120079. Odesskoe Spetsialnoe Konstrukorskoe Bjuro Spetsialnykh Stankov. Method to produce plastic articles and a machine for carrying into effect this method. Accepted on 23rd June 1970.

Comprises injecting the melt into an incompletely locked mould and subsequently completely locking the said mould.

120114. Council of Scientific & Industrial Research. Improvements in cross flow rotary compressors or expanders of the lobe type. Accepted on 19th June 1970.

Relative positions of one pair of bigger rotors and one pair of smaller rotor is maintained by timing gears external to the casing, said bigger rotors is in constant mesh with each other and each of said smaller rotors meshes intermittently with its corresponding bigger rotor.

120154. Manohar Industries. A device for delivering water from a higher level to a lower level. Accepted on 19th June 1970.

Comprising a hollow vertical body having two ducts each of which has wings fitted along the vertical sides of the duct and a pair of side support walls.

120157. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Device for reinforcing hydraulic structures. Accepted on 25th June 1970.

Consists of a one piece hose which is provided at both ends with sockets for inlet and outlet of a sand-in-water mixture.

120155. Manohar Industries. A device for conducting the water from one channel into another. Accepted on 19th June 1970.

Comprising two similar units, each unit comprising a vertical wall having aduct, two diverging walls fitted at one face of the vertical wall and two retaining walls fitted on the opposite face of the vertical wall and a pipe connecting the ducts of the two units.

120269. Artos Dr. Ing. Meier-Windhorst Kommanditgesellschaft. Arrangement of guiding textile lines. Accepted on 25th June 1970.

Characterized in that in the treatment chamber a U-shaped guiding line for the textile line laid out in the form of folds is arranged spacedly from the chamber walls.

120279. N. V. Philips Gloeilampenfabrieken. Method of manufacturing an electric discharge tube having a photocathode which consists of a strongly p-conductive AlIBV-compound. Accepted on 20th June 1970.

Characterized in that the not yet activated compound in the tube is subjected to a heating process at a temperature of maximally 300°C for few hours, after which the surface of the compound is subjected to a bombardment by slow rare gas ions.

120377. Formica Corporation. Decorative laminate having adherable coating thereon. Accepted on 19th June 1970.

A decorative heat and pressure consolidated laminate comprising a decorative layer employing a noble thermosetting resin, a core layer employing a thermosetting phenolic resin and a coating layer on the laminate surface facing opposite said decorative layer wherein said coating is a water-dispersed polymeric coating material and wherein said coating layer is present prior to heat and pressure consolidation.

120527. N. V. Philips Gloeilampenfabrieken. Integrated capacitor memory. Accepted on 22nd June 1970.

Characterized in that the capacitances are the collector base capacitances of the transistors, the bases of the transistors having connection for applying the control signal.

120566. P. Pan. Improvements in or relating to taps. Accepted on 24th June 1970.

Comprising a cock having one or more passage means and a sleeve, one or more hooks provided on said sleeve and a collar having slots therein.

120842. The Dunlop Company Limited. Medical dressings. (16th April 1968). Accepted on 16th June 1970.

Comprising a sheet of compressed cellular plastic material having one face relatively more highly compressed than the other, the less highly compressed face being provided with an adhesive.

120984. Ciba Limited. Closure cap for sealing the neck of a container. Accepted on 20th June 1970.

The cap being provided with circular sealing lip which is pressed against an inwardly sloping mating surface of the container neck.

121008. N. V. Philips Gloeilampenfabrieken. Capacitor charge transferring device. Accepted on 24th June 1970.

Comprising electronic switching means, first and second capacitances, gate electrode field effect transistor and drain electrode circuit.

121027. Buckman Laboratories, Inc. Organo-silica polymers and process for their preparation. Accepted on 20th June 1970.

Comprising graft polymerizing or copolymerizing a polymeric silica compound selected from alkali metal silicates or colloidal silica containing at least one of the bonds Si-OH or Si-O with an organic comonomer or organic premonomer containing at least one carbon to carbon double bond, azine or halogen and also containing an activating group such as carboxyl, nitril or amide.

121054. National Distillers and Chemical Corporation. Process for preparing synthetic rubber composition. Accepted on 20th June 1970.

Comprising blends of molecular weight controlled, alfinicatalyzed rubber polymers and styrene butadiene rubbers.

121111. K. S. Venkatesh, Chappathy making machine. Accepted on 19th June 1970.

Means for kneading the flour to prepare dough, means for starting and stopping the container, means for collecting dough and flatten the same and cut it into triangular form means for supplying oil to chappathy, means for dragging chappathies on heating plates, and means for holding and driving rollers.

121114. P. H. Kudianavala. A food-waste disposer. Accepted on 26th June 1970.

A horizontal circular plate with sharp-edged projections is mounted at the end of a vertical shaft of an electric motor the annular clearance between the inner cylindrical surface and the circular plate being just wide enough to permit passage of only micro waste particles.

121185. Rhone-poulenc S. A. Vinyl alcohol copolymers and their preparation. Accepted on 19th June 1970.

Comprises reacting vinyl alcohol copolymer in solution with one or more sultones.

121423. R. G. DePenning. Selective development control device in electro-tatic image reproduction machines. Accepted on 20th June 1970.
- Having a discharge device to discharge a charge on successive portions of a plate before development and control means for activating the discharge device.*
121433. N. V. Philips Gloeilampenfabrieken. Electric incandescent lamp. Accepted on 25th June 1970.
- Characterised in that the reactive transport gas consists of tribromosilane in lamps of this kind having a life time of the filament body of up to 250 hours and an efficiency of 20 lumen per watt or more.*
121435. A. d. Cruz. An improved semi-self closing water tap and the like. Accepted on 25th June 1970.
- Comprising a barrel, a piston housed in said barrel, a knob, a washer, a washer unit.*
121451. Eastman Kodak Company. Method and apparatus for coating a plurality of layers on an object. Accepted on 20th June 1970.
- Moving the object and forming from a composite layer of a plurality of distinct juxtaposed layers of coating compositions, a free falling vertical curtain which impinges on the moving object to deposit thereon a coating of superposed layers.*
121477. Eastman Kodak Company. Method and apparatus for making photographic elements. Accepted on 20th June 1970.
- Moving a support through coating zone and forming in the coating zone a free-falling vertical curtain of a liquid photographic coating composition which impinges on the moving support to deposit a layer thereon.*
121518. International Standard Electric Corporation. A railway signalling and points control system of the geographical type. Accepted on 25th June 1970.
- Comprising exist and entrance switches, an addition switches, storage means and means responsive to the occurrence of a train-controlled route-releasing signal due to a train negotiating a route.*
121703. M. Sabesan, M. Ramachandran, R. Sridharan, R. Sashidharan, Mrs. Lalitha Seetharaman, Miss Kalyani Janakiram, Mrs. Sarasa Sridharan. Improvements in or relating to wardrobes and the like. Accepted on 20th June 1970.
- Characterised in that it comprises four segmental supporting members wherein the segments of each member are interconnected by any one of the following means namely (1) by attaching the segments together in telescoping relationship and providing fastening means or (2) by providing mating swaged and recessed ends for the segments or (3) by providing a slotted periphery for the segments and bolting or screwing the segments together or (4) by threading the ends of the segments for threadly engaging together, detachable base top and intermediate frames.*
121713. Engelhard Minerals & Chemicals Corporation. A method for preactivating a fixed bed of platinum group metal. Accepted on 20th June 1970.
- Comprising regenerating the catalyst by burning carbonaceous deposit from the catalyst through contact with an oxygen containing gas, contacting the regenerated catalyst with a gaseous stream consisting essentially of inert gas oxygen and vaporous chlorine containing agent.*
121893. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device. Accepted on 25th June 1970.
- Characterized in that diffusion of the impurity from the layer of masking material in the unmasked part of the surface is checked by performing the diffusion process in the presence of a semiconductor material.*
121915. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Roller-lock for sealing autoclaves to prevent the treating medium from escaping into the atmosphere. Accepted on 25th June 1970.
- The rolls consist of hollow drums with a perforation forming a squeezing slit over the width of rolls and whose interior surface stands under suction draught.*
121936. M. G. Paranjpe. Improvements in or relating to indicator system for a cabin. Accepted on 25th June 1970.
- Comprising two separate indicator units, one located at the calling party point and the other at the called party point.*
122041. Farbenfabriken Bayer Aktiengesellschaft. An electrical circuit arrangement for indicating and automatically eliminating short-circuits in electrolysis cells. Accepted on 18th June 1970.
- Characterised in that a synthesised voltage $U = U_0 + U_1$ is used as reference voltage for a short circuit indicating device of which the part U_0 corresponds to the electro-chemical decomposition voltage and the part U_1 is proportional to the electrolysis current.*
122045. Imperial Chemical Industries Limited. Production of polyimides from aromatic diamines. (23rd July 1968). Accepted on 20th June 1970.
- Comprises heating a diamine component and a diacid component at 160°-300°C in the presence of a salt of hypophosphorus acid and a weak aromatic diamine as catalyst.*
122059. Regie Nationale Des Usines Renault. Improvements in lock control devices with safety-catch feature, notably for automobiles. Accepted on 20th June 1970.
- Body has a polygonal cross-sectional configuration, that the push button and central rod assembly comprises a multi-lobed portion having a cross-sectional contour corresponding to the inner polygonal configuration of said body.*
122154. N. V. Philips Gloeilampenfabrieken Semiconductor device. Accepted on 20th June 1970.
- Having a cooling element secured, opposite to crystal, to the conductor supporting the crystal, further part of the cooling element extending outside the plane in which the conductors are situated.*
122174. International Standard Electric Corporation. Antenna system for short electromagnetic waves. Accepted on 26th June 1970.
- Comprising a cylindrical structure having a lower and an upper termination and conducting rods a lower cage and a superstructure.*
122590. Kunststoffwerk Gebrüder Anger G. M. B. H. & Co. Method for producing tubular bodies, consisting of thermoplastic synthetic materials, and apparatus for carrying out this method. Accepted on 19th June 1970.
- An injection moulding is produced in which a cylindrical head portion having an increased diameter adjoins the cylindrical portion of the sleeve, the head portion is then heated until it assumes a thermoplastic condition and is deformed by constricting it at its free end.*
122618. Ciba Limited. New, Storage-stable, heat-curable precondensates from polyepoxide compounds, polyesters containing ring and polycarboxylic acid anhydrides. Accepted on 25th June 1970.
- Warning a mixture of polyepoxide compound, acid polyester and polycarboxylic acid anhydride.*
122625. Vlamidirsky Nauchno-Issledovatel'sky. A method for manufacturing shaped articles from elastic porous materials. Accepted on 19th June 1970.

Deforming by compression a blank made from elastic porous material, processing the surface or separate parts of the surfaces of the deformed blank so as to retain the surface layer of the material in a compressed state to permit the blank after being relieved of the load to bend under the action of elastic forces of deformation.

122707. LaTrique Brassiere Company Inc. Brassieres. Accepted on 20th June 1970.

Includes a rear releasable fastening means, a pair of shoulder straps, a pair of cups having a lower and an upper component, a pair of under-bust band portions, back portions extending from the back portions to the releasable rear fastening means.

122769. P. Zimmer. Improvements in or relating to a device for the treatment, particularly for the printing of sheet-like material. (20th August 1968). Accepted on 25th June 1970.

Comprising two operating parts of which one contains a magnet consisting of a plurality of electromagnets.

123116. Pamutnyomoipari Vallalat. A bobbin changing device for automatic looms. Accepted on 20th June 1970.

Comprises a bobbin compartment, a guide base, a controlled motion switch a lower guide tongue, a clamping spring snap an opening in the front box wall and an opening in the rear box wall.

123128. K. R. Choudhary. Improvements in or relating to refining oils. Accepted on 23rd June 1970.

Wherein the oil to be refined before it is passed into purifying stages preheated by utilizing heat of the refined oil, and apparatus therefor.

123840. Uss Engineers and Consultants, Inc. Apparatus for removing excess coating material from strip edges. Accepted on 20th June 1970.

Comprising a beam disposed transversely of and adjacent to the predetermined path, a carriage movable along said beam, a yoke suspended from said carriage for angular movement about an axis parallel to said beam, said yoke including a member extending close to the path of said strip, a cutting knife movably mounted in said heat for engagement with said edge and means urging said knife toward said edge.

123848. Westinghouse Electric Corporation. Fluid velocity measuring system. Accepted on 19th June 1970.

Comprising first circuit means responsive to the first and second received signals, second circuit means, third circuit means for providing fourth signal and fifth circuit means.

124118. Ciba Limited. A process for optically brightening organic materials and organic materials so brightened. [Divisional date 27th September 1968]. Accepted on 25th June 1970.

Comprises incorporating a bis-stilbene compounds in the organic material to be optically brightened by admixing and homogenously distributing.

125785. Farbenfabriken Bayer Aktiengesellschaft. Fungicidal compositions containing new n-tritylimidazoles. [Divisional date 23rd December 1968]. Accepted on 23rd June 1970.

Comprises N-tritylimidazoles derivatives together with an inert solid or liquid carrier.

Patents Sealed

113953. 114767. 114912. 115124. 115347. 115559. 115907.
116046. 116791. 117086. 117148. 117757. 117875. 117901.
118280. 118355. 118531. 118921. 118972. 119490. 119508.
120031. 120798. 121412. 121669.

Renewal Fees Paid

55019	55027.	55059.	55395.	55796.	56576.	57704.	57715.
57973.	57985.	58000.	58263.	58345.	58346.	59066.	59068.
59069.	60890.	60967.	60968.	60969.	60973.	60979.	60986.
60987.	61013.	61067.	61116.	61121.	61146.	61147.	61148.
61149.	61222.	61223.	61224.	61242.	61371.	61589.	63580.
64462.	64486.	64507.	64536.	64551.	64567.	64585.	64748.
64749.	64985.	68118.	68119.	68120.	68157.	68196.	68201.
68219.	68264.	68329.	68344.	68358.	68390.	68397.	68398.
68417.	68498.	68513.	68515.	68545.	68550.	68554.	68669.
68869.	69690.	69888.	69979.	71744.	72254.	72274.	72334.
72338.	72435.	72449.	72456.	72468.	72509.	72513.	72516.
72599.	72600.	72622.	72624.	72664.	72665.	72701.	72738.
72752.	72810.	73147.	73184.	73187.	73206.	73207.	74090.
74384.	75358.	77157.	77208.	77291.	77327.	77350.	77412.
77413.	77416.	77417.	77429.	77430.	77438.	77443.	77476.
77478.	77480.	77493.	77555.	77559.	77585.	77615.	77637.
77661.	77732.	77733.	77737.	77746.	77765.	77858.	78224.
78229.	78245.	78247.	78251.	78253.	78780.	79075.	80087.
80443.	80597.	80612.	80613.	82966.	82982.	82983.	83003.
83004.	83020.	83025.	83028.	83050.	83052.	83053.	83089.
83091.	83136.	83154.	83155.	83168.	83171.	83181.	83208.
83218.	83249.	83250.	83252.	83287.	83301.	83315.	83320.
83368.	83392.	83413.	83496.	83483.	83511.	83512.	83655.
84625.	86226.	88460.	88530.	88581.	88622.	88626.	88650.
88668.	88737.	88738.	88747.	88748.	88762.	88775.	88785.
88788.	88789.	88795.	88798.	88806.	88842.	88868.	88869.
88875.	88902.	88915.	88918.	88938.	88939.	88973.	88980.
89040.	89061.	89077.	89142.	89179.	89180.	89185.	89211.
89271.	89530.	89553.	89590.	89597.	89622.	89663.	90469.
90470.	90610.	90776.	90916.	91259.	91260.	91261.	92987.
93370.	93526.	93527.	94042.	94219.	94240.	94308.	94361.
94378.	94383.	94425.	94426.	94448.	94485.	94489.	94517.
94534.	94535.	94542.	94543.	94548.	94573.	94579.	94580.
94593.	94594.	94630.	94635.	94648.	94661.	94673.	94674.
94684.	94689.	94695.	94701.	94702.	94759.	94771.	94775.
94801.	94832.	94833.	94891.	94915.	94966.	95054.	95122.
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95325.	95361.	95375.	95400.	95422.	95423.	96017.	97247.
97506.	99316.	100103.	100156.	100187.	100238.	100252.	
100254.	100255.	100256.	100269.	100276.	100287.	100288.	
100330.	100347.	100357.	100359.	100380.	100391.	100405.	
100428.	100434.	100437.	100441.	100442.	100443.	100457.	
100478.	100515.	100518.	100519.	100520.	100527.	100550.	
100556.	100557.	100558.	100578.	100582.	100586.	100587.	
100624.	100629.	100631.	100645.	100646.	100647.	100663.	
100681.	100682.	100685.	100698.	100703.	100714.	100716.	
100724.	100727.	100726.	100768.	100769.	100780.	100803.	
100804.	100809.	100824.	100826.	100864.	100880.	100992.	
101033.	101110.	101323.	101334.	101353.	101404.	101405.	
101406.	101428.	101691.	101929.	104822.	105179.	105428.	
105825.	105870.	105917.	105979.	105992.	105995.	106010.	
106030.	106044.	106045.	106046.	106060.	106065.	106088.	
106095.	106096.	106118.	106132.	106143.	106145.	106148.	
106156.	106189.	106217.	106228.	106229.	106256.	106279.	
106343.	106350.	106351.	106366.	106398.	106400.	106412.	
106428.	106820.	106930.	107057.	107124.	107239.	107414.	

110262. 110546. 110741. 110780. 111140. 111355. 111429.
111430. 111449. 111484. 111449. 111484. 111612. 111619.
111907. 112005. 112740.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 136781. Jawahar Industries, Plot No. 38, Industrial Area, Phagwara, (Punjab-India) an

Indian Partnership concern, "Gear of the seed-cum-fertilizer drill", December 1, 1969.

Class 1. No. 136782. Jawahar Industries, Plot No. 38, Industrial Area, Phagwara an Indian Partnership concern, "Tanky of the seed-cum-fertilizer drill", December 1, 1969.

Class 1. No. 137119. N. V. Philips' Gloeilampenfabrieken, a Joint stock Company incorporated under the laws of the Kingdom of the Netherlands, Emmasingel 29, Eindhoven, The Netherlands, "A table fan", February 11, 1970.

S. VEDARAMAN,

Controller General of Patents,

Designs and Trade Marks.

